

# SEQUENCE LISTING

<110> Yu, Xuanchuan  
Miranda, Maricar  
Friddle, Carl Johan

<120> Novel Human Kinases and Polynucleotides Encoding the Same

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Thr Glu Arg Glu Met Gln Leu Thr Ser Gln Lys Gln Thr Met Glu Ala		1045	1050	1055
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 1620 1625 1630  
 Leu Val Gly Thr Glu Glu Gly Leu Tyr Ala Leu Asn Val Leu Lys Asn  
 1635 1640 1645  
 Ser Leu Thr His Val Pro Gly Ile Gly Ala Val Phe Gln Ile Tyr Ile  
 1650 1655 1660  
 Ile Lys Asp Leu Glu Lys Leu Leu Met Ile Ala Gly Glu Glu Arg Ala  
 1665 1670 1675 1680  
 Leu Cys Leu Val Asp Val Lys Lys Val Lys Gln Ser Leu Ala Gln Ser  
 1685 1690 1695  
 His Leu Pro Ala Gln Pro Asp Ile Ser Pro Asn Ile Phe Glu Ala Val  
 1700 1705 1710  
 Lys Gly Cys His Leu Phe Gly Ala Gly Lys Ile Glu Asn Gly Leu Cys  
 1715 1720 1725  
 Ile Cys Ala Ala Met Pro Ser Lys Val Val Ile Leu Arg Tyr Asn Glu  
 1730 1735 1740  
 Asn Leu Ser Lys Tyr Cys Ile Arg Lys Glu Ile Glu Thr Ser Glu Pro  
 1745 1750 1755 1760

Cys	Ser	Cys	Ile	His	Phe	Thr	Asn	Tyr	Ser	Ile	Leu	Ile	Gly	Thr	Asn	
				1765					1770						1775	
Lys	Phe	Tyr	Glu	Ile	Asp	Met	Lys	Gln	Tyr	Thr	Leu	Glu	Glu	Phe	Leu	
			1780					1785					1790			
Asp	Lys	Asn	Asp	His	Ser	Leu	Ala	Pro	Ala	Val	Phe	Ala	Ala	Ser	Ser	
		1795					1800					1805				
Asn	Ser	Phe	Pro	Val	Ser	Ile	Val	Gln	Val	Asn	Ser	Ala	Gly	Gln	Arg	
	1810					1815				1820						
Glu	Glu	Tyr	Leu	Leu	Cys	Phe	His	Glu	Phe	Gly	Val	Phe	Val	Asp	Ser	
1825				1830						1835					1840	
Tyr	Gly	Arg	Arg	Ser	Arg	Thr	Asp	Asp	Leu	Lys	Trp	Ser	Arg	Leu	Pro	
			1845					1850					1855			
Leu	Ala	Phe	Ala	Tyr	Arg	Glu	Pro	Tyr	Leu	Phe	Val	Thr	His	Phe	Asn	
		1860						1865					1870			
Ser	Leu	Glu	Val	Ile	Glu	Ile	Gln	Ala	Arg	Ser	Ser	Ala	Gly	Thr	Pro	
	1875						1880					1885				
Ala	Arg	Ala	Tyr	Leu	Asp	Ile	Pro	Asn	Pro	Arg	Tyr	Leu	Gly	Pro	Ala	
	1890					1895					1900					
Ile	Ser	Ser	Gly	Ala	Ile	Tyr	Leu	Ala	Ser	Ser	Tyr	Gln	Asp	Lys	Leu	
1905				1910					1915						1920	
Arg	Val	Ile	Cys	Cys	Lys	Gly	Asn	Leu	Val	Lys	Glu	Ser	Gly	Thr	Glu	
			1925					1930					1935			
His	His	Arg	Gly	Pro	Ser	Thr	Ser	Arg	Arg	Phe	Gln	Ser	His	Met	Ala	
		1940						1945					1950			
Arg	Asp	Glu	Tyr	Lys	Pro											
		1955														